

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1.-21. Canceled.

22. (Currently Amended) A regime/regimen for influencing calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue, comprising topically administering to an individual subject in need of such treatment a cosmetic/dermatological composition comprising an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue, said manganese and/or at least one salt thereof being the only active ingredient for influencing calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue present in an amount effective to relax and/or slacken cutaneous and/or subcutaneous tissue in said composition; and a topically applicable physiologically acceptable vehicle, diluent or carrier therefor.

23. (Canceled)

24. (Currently Amended) A regime/regimen ~~according to Claim 22~~ for influencing calcium channels in contractile fibers to relax and/or slacken skin tissue and thus treat wrinkles and fine lines in the skin, comprising topically administering to an individual subject in need of such treatment a cosmetic/dermatological composition comprising: an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken skin tissue and thus treat wrinkles and fine lines, said manganese and/or at least one salt thereof being the only active ingredient for treating wrinkles and fine lines present in an amount effective to treat wrinkles and fine lines in said composition; and a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor.

25. (Currently Amended) A regime/regimen according to Claim 24 for influencing calcium channels in contractile fibers to relax and/or slacken skin tissue and thus reduce wrinkles and fine lines in the skin, comprising topically administering to an individual subject in need of such treatment a cosmetic/dermatological composition comprising: an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken skin tissue and thus reduce wrinkles and fine lines, said manganese and/or at least one salt thereof being the only active ingredient for ~~treating~~ reducing wrinkles and fine lines present in an amount effective to reduce wrinkles and fine lines in said composition; and a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor.

26. (Currently Amended) A regime/regimen ~~according to Claim 22~~ for influencing calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and thus smooth the skin, comprising topically administering to an individual subject in need of such treatment a cosmetic/dermatological composition comprising an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and thus smooth the skin, said manganese and/or at least one salt thereof being the only active ingredient for smoothing the skin present in an amount effective to smooth the skin in said composition; and a topically applicable, physiologically acceptable vehicle diluent or carrier therefor.

27. (Currently Amended) A regime/regimen ~~according to Claim 22~~ for influencing calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and thus attenuate and/or eliminate microrelief in the skin, comprising topically administering to an individual subject in need of such treatment a cosmetic/dermatological composition comprising: an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and thus attenuate and/or eliminate microrelief in the skin, said manganese and/or salt thereof being the only active ingredient for attenuating and/or eliminating microrelief in the skin present in an amount effective to

attenuate and/or eliminate microrelief in the skin in said composition; and a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor.

28. (Currently Amended) A regime/regimen for influencing calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and to thus reduce wrinkles and/or fine lines in the skin, and/or to thus smooth the skin and/or to thus attenuate and/or eliminate microrelief in the skin, comprising topically administering to an individual subject in need of such treatment a cosmetic/dermatological composition comprising: an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and to thus reduce wrinkles and/or fine lines in the skin, and/or to thus smooth the skin and/or to thus attenuate and/or eliminate microrelief in the skin, said manganese and/or salt thereof being the only active ingredient for reducing wrinkles or fine lines, or for smoothing the skin or for attenuating or eliminating microrelief in the skin present in an amount effective to reduce wrinkles or fine lines, and/or to smooth the skin and/or to attenuate or eliminate microrelief in the skin in said composition; and a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor.

29. (Currently Amended) A regime/regimen for influencing calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and to thus reduce wrinkles and/or fine lines in the skin, and/or to thus smooth the skin and/or to thus

attenuate and/or eliminate microrelief in the skin, comprising topically administering to an individual subject in need of such treatment a cosmetic/dermatological composition ~~consisting essentially of~~ comprising: (i) an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and to thus reduce wrinkles and/or fine lines in the skin, and/or to thus smooth the skin, and/or to thus attenuate and/or eliminate microrelief in the skin; and (ii) a bioaffecting amount of alverine or salt thereof, a keratolytic agent, a chlorine-channel opener, a hydroxy acid and/or a retinoid; said (i) and (ii) being the only active ingredients for reducing wrinkles and/or fine lines in the skin, and/or for smoothing the skin, and/or for attenuating and/or eliminating microrelief in the skin in said composition; said (i) and (ii) being formulated into a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor.

30. (Currently Amended) A regime/regimen according to Claim 29 for influencing calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and to thus reduce wrinkles and/or fine lines in the skin and/or to thus smooth the skin and/or to thus attenuate and/or eliminate microrelief in the skin, comprising topically administering to an individual subject in need of such treatment a cosmetic/dermatological composition ~~consisting essentially of~~ comprising: (i) an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken cutaneous and/or subcutaneous tissue and to thus

reduce wrinkles and/or fine lines in the skin, and/or to thus smooth the skin, and/or to thus attenuate and/or eliminate microrelief in the skin; and (ii) a bioaffecting amount of alverine or salt thereof and/or a chlorine-channel opener; said (i) and (ii) being the only active ingredients for reducing wrinkles and/or fine lines in the skin, and/or for smoothing the skin, and/or for attenuating and/or eliminating microrelief in the skin in said composition; said (i) and (ii) being formulated into a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor.

31.-32. (Canceled)

33. (Currently Amended) A regime/regimen according to ~~Claim 22~~ Claim 24 ~~for influencing calcium channels in contractile fibers to relax and/or slacken skin tissue and thus treat wrinkles and fine lines in the skin, comprising topically administering to an individual subject in need of such treatment a cosmetic/dermatological composition comprising: an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken skin tissue and thus treat wrinkles and fine lines, said manganese and/or at least one salt thereof being the only active ingredient for treating wrinkles and fine lines in said composition; and a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor; wherein from 0.0001% to 10% by weight of manganese is administered.~~

34. (Currently Amended) A regime/regimen according to ~~Claim 22~~ Claim 24,
~~for influencing calcium channels in contractile fibers to relax and/or slacken skin tissue and
thus treat wrinkles and fine lines in the skin, comprising topically administering to an
individual subject in need of such treatment a cosmetic/dermatological composition
comprising: an amount of manganese and/or at least one salt thereof effective to influence
calcium channels in contractile fibers to relax and/or slacken skin tissue and thus treat
wrinkles and fine lines, said manganese and/or at least one salt thereof being the only
active ingredient for treating wrinkles and fine lines in said composition, and a topically
applicable, physiologically acceptable vehicle, diluent or carrier therefor; wherein
manganese is administered as at least one inorganic and/or organic manganese salt.~~

35. (Canceled)

36. (Currently Amended) The regime/regimen according to ~~Claim 35~~ Claim 34,
wherein up to about 1.5% by weight manganese gluconate is administered.

37. (Canceled)

38. (Currently Amended) The regime/regimen according to ~~Claim 37~~ Claim 34,
wherein up to about 0.50% by weight manganese chloride is administered.

39.-49. (Canceled)

50. (Previously Presented) The regime/regimen according to Claim 22, wherein manganese is administered in ionic state, or as a manganese salt, or as a manganese-rich natural, plant or microorganism extract.

51. (Currently Amended) The regime/regimen according to ~~Claim 39~~ Claim 22, wherein said cosmetic/dermatological composition is a topically applicable solution, gel, emulsion, cream, oil, milk, makeup, serum, aerosol, vesicular dispersion, or artificial tanning preparation.

52. (Currently Amended) The regime/regimen according to ~~Claim 23~~ Claim 22, wherein from 0.0001 % to 10% by weight of manganese is administered.

53. (Previously Presented) The regime/regimen according to Claim 52, wherein from 0.001 % to 5 % by weight of manganese is administered.

54. (Canceled)

55. (Currently Amended) The regime/regimen according to ~~Claim 23~~ Claim 22, wherein manganese is administered as at least one inorganic and/or organic manganese salt.

56. (Previously Presented) The regime/regimen according to Claim 55, wherein manganese is administered as at least one of manganese gluconate, manganese carbonate, manganese acetate, manganese citrate, manganese oleate, and/or manganese oxalate.

57. (Previously Presented) The regime/regimen according to Claim 55, wherein manganese is administered as at least one of manganese chloride, manganese borate, manganese nitrate, manganese phosphate, and/or manganese sulfate.

58. (Canceled)

59. (Previously Presented) The regime/regimen according to Claim 33, wherein from 0.001 % to 5 % by weight of manganese is administered.

60. (Previously Presented) The regime/regimen according to Claim 24, wherein manganese is administered in ionic state, or as a manganese salt, or as a manganese-rich natural, plant or microorganism extract.

61. (Previously Presented) The regime/regimen according to Claim 34, wherein manganese is administered as at least one of manganese gluconate, manganese carbonate, manganese acetate, manganese citrate, manganese oleate, and/or manganese oxalate.

62. (Previously Presented) The regime/regimen according to Claim 34, wherein manganese is administered as at least one of manganese chloride, manganese borate, manganese nitrate, manganese phosphate, and/or manganese sulfate.

63. (Previously Presented) The regime/regimen according to Claim 24, wherein said cosmetic/dermatological composition is a topically applicable solution, gel, emulsion, cream, oil, milk, makeup, serum, aerosol, vesicular dispersion, or artificial tanning preparation.

64. (Previously Presented) The regime/regimen according to Claim 28, wherein from 0.0001 % to 10 % by weight of manganese is administered.

65. (Previously Presented) The regime/regimen according to Claim 64, wherein from 0.001 % to 5 % by weight of manganese is administered.

66. (Previously Presented) The regime/regimen according to Claim 28, wherein manganese is administered in ionic state, or as a manganese salt, or as a manganese-rich natural, plant or microorganism extract.

67. (Previously Presented) The regime/regimen according to Claim 66, wherein manganese is administered as at least one inorganic and/or organic manganese salt.

68. (Previously Presented) The regime/regimen according to Claim 67, wherein manganese is administered as at least one of manganese gluconate, manganese carbonate, manganese acetate, manganese citrate, manganese oleate, and/or manganese oxalate.

69. (Previously Presented) The regime/regimen according to Claim 67, wherein manganese is administered as at least one of manganese chloride, manganese borate, manganese nitrate, manganese phosphate, and/or manganese sulfate.

70. (Previously Presented) The regime/regimen according to Claim 28, wherein said cosmetic/dermatological composition is a topically applicable solution, gel, emulsion, cream, oil, milk, makeup, serum, aerosol, vesicular dispersion, or artificial tanning preparation.

71. (Previously Presented) The regime/regimen according to Claim 29, wherein from 0.0001% to 10% by weight of manganese is administered.

72. (Previously Presented) The regime/regimen according to Claim 71, wherein from 0.001% to 5% by weight of manganese is administered.

73. (Previously Presented) The regime/regimen according to Claim 29, wherein manganese is administered in ionic state, or as a manganese salt, or as a manganese-rich natural, plant or microorganism extract.

74. (Previously Presented) The regime/regimen according to Claim 73, wherein manganese is administered as at least one inorganic and/or organic manganese salt.

75. (Previously Presented) The regime/regimen according to Claim 74, wherein manganese is administered as at least one of manganese gluconate, manganese carbonate, manganese acetate, manganese citrate, manganese oleate, and/or manganese oxalate.

76. (Previously Presented) The regime/regimen according to Claim 74, wherein manganese is administered as at least one of manganese chloride, manganese borate, manganese nitrate, manganese phosphate, and/or manganese sulfate.

77. (Previously Presented) The regime/regimen according to Claim 29, wherein said cosmetic/dermatological composition is a topically applicable solution, gel, emulsion, cream, oil, milk, makeup, serum, aerosol, vesicular dispersion, or artificial tanning preparation.

78. (Previously Presented) The regime/regimen according to Claim 30, wherein from 0.0001 % to 10% by weight of manganese is administered.

79. (Previously Presented) The regime/regimen according to Claim 78, wherein from 0.001 % to 5 % by weight of manganese is administered.

80. (Previously Presented) The regime/regimen according to Claim 30, wherein manganese is administered in ionic state, or as a manganese salt, or as a manganese-rich natural, plant or microorganism extract.

81. (Previously Presented) The regime/regimen according to Claim 80, wherein manganese is administered as at least one inorganic and/or organic manganese salt.

82. (Previously Presented) The regime/regimen according to Claim 81, wherein manganese is administered as at least one of manganese gluconate, manganese carbonate, manganese acetate, manganese citrate, manganese oleate, and/or manganese oxalate.

83. (Previously Presented) The regime/regimen according to Claim 81, wherein manganese is administered as at least one of manganese chloride, manganese borate, manganese nitrate, manganese phosphate, and/or manganese sulfate.

84. (Previously Presented) The regime/regimen according to Claim 30, wherein said cosmetic/dermatological composition is a topically applicable solution, gel, emulsion, cream, oil, milk, makeup, serum, aerosol, vesicular dispersion, or artificial tanning preparation.

85. (Currently Amended) A topically applicable cosmetic/dermatological composition suited for influencing calcium channels in contractile fibers to relax and/or slacken skin tissue, said composition ~~consisting essentially of~~ comprising: (i) an amount of manganese and/or at least one salt thereof effective to influence calcium channels in contractile fibers to relax and/or slacken skin tissue; and (ii) a bioaffecting amount of alverine or salt thereof and/or a chlorine-channel opener; said (i) and (ii) being the only active ingredients for reducing wrinkles and fine lines in the skin in said composition, said (i) and (ii) being formulated into a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor.

86. (Previously Presented) The cosmetic/dermatological composition according to Claim 85, wherein from 0.0001 % to 10 % by weight of manganese is present.

87. (Previously Presented) The cosmetic/dermatological composition according to Claim 86, wherein from 0.001 % to 5 % by weight of manganese is present.

88. (Previously Presented) The cosmetic/dermatological composition according to Claim 85, wherein the manganese is present in ionic state, or as a manganese salt, or as a manganese-rich natural, plant or microorganism extract.

89. (Previously Presented) The cosmetic/dermatological composition according to Claim 88, wherein the manganese is present as at least one inorganic and/or organic manganese salt.

90. (Previously Presented) The cosmetic/dermatological composition according to Claim 89, wherein the manganese is present as at least one of manganese gluconate, manganese carbonate, manganese acetate, manganese citrate, manganese oleate, and/or manganese oxalate.

91. (Previously Presented) The cosmetic/dermatological composition according to Claim 89, wherein the manganese is present as at least one of manganese chloride, manganese borate, manganese nitrate, manganese phosphate, and/or manganese sulfate.

92. (Previously Presented) The cosmetic/dermatological composition according to Claim 85, said composition being in the form of a topically applicable solution, gel, emulsion, cream, oil, milk, makeup, serum, aerosol, vesicular dispersion, or artificial tanning preparation.